

WHAT IS CLAIMED IS:

1. A car seat for restraining an infant in a vehicle seat, comprising:
a base support, said base support having a back portion and a carrier engagement portion;
and
an infant carrier detachably mounted to said base support;
said base support having a mirror mounted on said back portion in a position visible to a
driver of the vehicle in a rear-view mirror when the infant carrier is mounted in the base support.

2. The car seat according to claim 1, wherein said back portion extends in a substantially
vertical direction when said base support is secured to the vehicle seat using the vehicle's seat
belt.

3. The car seat according to claim 2, wherein said carrier engagement portion includes an
opening for receipt of a portion of one end of the infant carrier and a raised portion for
engagement with a latch hook mounted on said infant carrier.

4. The car seat according to claim 3, wherein side portions of said base support define a seat
belt pathway for positioning the vehicle's seat belt when the base support is secured to the
vehicle seat using the vehicle's seat belt.

5. The car seat according to claim 4, wherein the seat belt passes underneath the infant
carrier when the infant carrier is mounted to the base support and the base support is secured to
the vehicle seat using the seat belt.

6. An infant seat, comprising:
an infant carrier and a base support for mounting the infant carrier in a rear-facing
direction when secured in a vehicle passenger seat;

the base support including a substantially vertical back portion that extends substantially parallel to the back of the passenger seat when the base support is secured to the passenger seat; and

the back portion supporting a mirror for viewing an infant seated in the infant carrier when the infant carrier is mounted on the base support.

9. The infant seat according to claim 6, wherein the base support includes an opening for receiving a portion of one end of the infant carrier, and a raised portion for engagement with a latch hook mounted on the infant carrier.

10. The infant seat according to claim 9, wherein the infant carrier includes first and second latch hooks spaced apart from each other and pivotally mounted on the infant carrier.

11. The infant seat according to claim 10, further including a handle slidably connected to said latch hooks such that said latch hooks can be pivoted about fixed points on said infant carrier and moved relative to said handle with said handle remaining stationary relative to said infant carrier, and said handle being mounted on said infant carrier for linear reciprocating motion relative to said infant carrier, wherein displacement of said handle away from said latch hooks causes said latch hooks to disengage from respective raised portions on said base support.

1 ¹²₁₀ The infant seat according to claim ¹¹₉, wherein said handle includes laterally spaced hook
2 portions for engagement with attachment portions on a stroller when the infant carrier is removed
3 from the base support and used as a stroller seat.

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5 ¹³₁₁ The infant seat according to claim 6, wherein said infant carrier includes an adjustable
6 handle, and said adjustable handle comprises a self-supporting, flexible strap, said adjustable
7 handle being pivotally connected to at least one of longitudinally opposed ends of the infant
8 carrier, said strap being adjustable in length from a length sufficient to serve as a handle to be
9 grasped by an adult's hand to a length sufficient to serve as a shoulder strap.

1 ¹⁴₁₂ The infant seat according to claim ¹⁵₁₁, wherein the flexible strap can be shortened in
2 length by folding a portion of said strap back over itself and securing the folded portion of the
3 strap using a fastener.

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5 ~~13 And infant carrier handle, comprising:~~

6 ~~a substantially flexible strap pivotally connected at opposite ends to longitudinally~~
7 ~~opposed ends of an infant carrier;~~

8 ~~a first portion of said strap being sufficiently rigid to be self-supporting, said first portion~~
9 ~~of said strap extending from one of said opposed ends of said infant carrier; and~~

10 ~~a second portion of said strap being soft and flexible, said second portion of said strap~~
11 ~~extending from the other of said opposed ends of said carrier.~~

1 ¹⁸~~14~~. The infant carrier handle according to claim ¹⁵~~13~~, wherein the second portion of said strap
2 terminates in a strap anchor and wherein excess length of said strap can be wrapped around said
3 anchor to form a bundle adapted to be fitted in an opening in the infant carrier and prevented
4 from being unwrapped as long as the anchor remains in the opening.

1 ¹⁷~~15~~. The infant carrier handle according to claim ¹⁸~~14~~, wherein said strap is adjustable in length
2 from a length sufficient to serve as a handle to be grasped by an adult's hand to a length sufficient
3 to serve as a shoulder strap.
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16. An infant seat, comprising:
an infant carrier and a base support for mounting the infant carrier in a rear-facing
direction when secured in a vehicle passenger seat;
the base support including a substantially vertical back portion that extends substantially
parallel to the back of the passenger seat when the base support is secured to the passenger seat;
and
the back portion supporting a mirror for viewing an infant seated in the infant carrier
when the infant carrier is mounted on the base support.

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17. The infant seat according to claim ²⁰~~16~~, further including an actuating mechanism mounted
2 on said infant carrier for linear reciprocating motion in an axial direction of said infant carrier,
3 said actuating mechanism actuating separate mechanisms for attachment of said infant carrier to
4 said base support and for attachment of said infant carrier to a stroller.

1 ²⁴~~18~~. The infant car seat according to claim ²³~~17~~, wherein the mechanism for attachment of said
2 infant carrier to said base support comprises at least one latch hook pivotally mounted on said
3 infant carrier.

1 ²⁵~~19~~. The infant car seat according to claim ²⁴~~18~~, wherein the mechanism for attachment of said
2 infant carrier to a stroller comprises at least one hook formed on said actuating mechanism.

1 ²⁶~~20~~. The infant car seat according to claim ²⁵~~19~~, further including a flexible handle connected
2 between longitudinally opposed ends of said infant carrier, said handle being adjustable in length
3 and being pivotally connected to said infant carrier at one or both of said opposed ends.

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